

Dr. Robin R. Murphy
University of South Florida



EDUCATION

Georgia Institute of Technology

Ph.D., Computer Science, 1992

M.S., Computer Science, 1989

B.M.E., Mechanical Engineering, 1980

WORK EXPERIENCE

University of South Florida

Director, Center for Robot-Assisted Search and Rescue, 2002-Present

Professor, Department of Computer Science and Engineering and Department of Psychology, 1998-Present

Colorado School of Mines

Associate Director, Center for Robotics and Intelligent Systems, 1994-1998

Assistant Professor, Department of Mathematical and Computer Sciences, 1992-1998

Institute for Defense Analyses, DARPA

Consultant, 1998-Present

Continental Divide Robotics, Inc.

Member, Board of Directors, 2000-Present

Rocky Mountain Automated Systems, Inc.

Co-owner and Chief Research Officer, 1997-1999

Northrop Grumman Corporation

Consultant, 1997-1999

The Turbitrol Company

Software project Engineer, 1984-1986

Dow Chemical

Mechanical Engineer, Maintenance Technical Services, 1982-1984

Project Engineer, Division Metering Group, 1980-1982

AREAS OF EXPERTISE

Artificial intelligence for mobile robots, field robotics, sensor fusion, distributed sensing, and fault tolerant perception for mobile robots, including marsupial-like multi-agents.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

American Association for Artificial Intelligence; Association for Computing Machinery; Association for Unmanned Vehicle Systems International; IEEE Robotics and Automation Society; Society of Photo-Optical Instrumentation Engineers; National Institute for Urban Search and Rescue; Technical Search Specialist FLTF-3.